

**Case 3567*****Bulimus lineatus* Bruguière, 1789 (Gastropoda, UROCOPTIDAE; currently *Macroceramus lineatus*) and *Bulimus lineatus* Draparnaud, 1801 (Gastropoda, ACICULIDAE; currently *Acicula lineata*): proposed conservation of specific names**

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**Abstract.** The purpose of this application, under Articles 23.9.5, 23.10, 57.2.2 and 81 of the Code, is to conserve two specific gastropod names *Bulimus lineatus* Bruguière, 1789 (Pulmonata: UROCOPTIDAE, currently *Macroceramus lineatus*, from Haiti) and *Bulimus lineatus* Draparnaud, 1801 (currently *Acicula lineata*, Caenogastropoda: ACICULIDAE, from central Europe) by ruling under the plenary power to disregard their primary homonymy.

**Keywords.** Nomenclature; taxonomy; Gastropoda; UROCOPTIDAE; ACICULIDAE; *Macroceramus lineatus*; *Acicula lineata*; caenogastropods; stylommatophoran pulmonate snails; Europe; Haiti.

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1. *Bulimus lineatus* Bruguière, 1789 (in Bruguière, 1792, p. 323; Gastropoda, UROCOPTIDAE, currently *Macroceramus lineatus*, from Haiti) and *Bulimus lineatus* Draparnaud, 1801 (p. 67; Gastropoda, ACICULIDAE, currently *Acicula lineata*, from Europe) are primary homonyms (Articles 53.3, 57.2 of the Code). The identities of both nominal taxa are not disputed.

2. Both names are currently used for 'valid' species. *Acicula lineata* is a frequent and important species from Europe, where it is distributed from southern France to southern Germany and eastern Austria (Boeters et al., 1989, p. 60, Falkner et al., 2002, p. 69). It is the type species of *Acicula* Hartmann, 1821 (ACICULIDAE). *Macroceramus lineatus* is a common species in Haiti (Pilsbry, 1904, p. 122, Wetherbee & Clench, 1984, p. 10, Richardson, 1991, p. 145).

3. These two species have not been considered as congeneric after 1899. They belong to different taxonomic groups: *Acicula* Hartmann, 1821 is a caenogastropod, while *Macroceramus* Guilding, 1828, a stylommatophoran pulmonate snail. These genera live in different regions without overlap: *Macroceramus* in Mexico, Central America and the Caribbean, *Acicula* in Europe, the Caucasian region and northern Africa.

4. Because *Acicula lineata* was considered a very important species, Falkner et al. (2002, p. 69) intended to fix *Bulimus lineatus* Bruguière, 1789 as a nomen oblitum under Article 23.9.2, and listed the 25 references for *Acicula lineata* as required by Article 23.9.1.2. The authors argued that *Bulimus lineatus* Bruguière, 1789 had not been used since 1899, but overlooked the fact that the name had been used by Pilsbry (1904, p. 122) and subsequent authors in the genus *Macroceramus*. Terrestrial

gastropod species from Haiti are much more rarely mentioned in the recent literature and internet resources than species from central Europe, which explains why its usage was not detected in 2002.

5. Since the action of Falkner et al. (2002) was taken in error, the case has to be referred to the Commission under Article 23.10, and it is proposed to conserve the names under Article 23.9.5 of the Code.

6. Boeters et al. (1989, p. 60) argued that Draparnaud (1805, p. 57) established *Auricula lineata* as a new species, and that the 1801 name could be suppressed to avoid homonymy with *Bulimus lineatus* Bruguière, 1789. However Draparnaud (1805) had expressly used the 1801 name, so this option would have created confusion in Europe and was rejected by subsequent authors (Falkner et al., 2002).

7. It is proposed to disregard the primary homonymy and regard both names as available. An alternative solution would be to suppress the Haitian name, because the European name has been used more frequently. However, for students and scientists in Haiti suppression of the Haitian name may result in further confusion.

8. The International Commission on Zoological Nomenclature is accordingly asked:

- (1) to use its plenary power to rule that the name *lineatus* Draparnaud, 1801, as published in the binomen *Bulimus lineatus*, is not invalid by reason of being a junior primary homonym of *lineatus* Bruguière, 1789, as published in the binomen *Bulimus lineatus*;
- (2) to place on the Official List of Specific Names in Zoology the following names:
  - (a) *lineatus* Bruguière, 1789, as published in the binomen *Bulimus lineatus*;
  - (b) *lineatus* Draparnaud, 1801, as published in the binomen *Bulimus lineatus*, with the endorsement that is not invalid by reason of being a junior primary homonym of *lineatus* Bruguière, 1789, as published in the binomen *Bulimus lineatus*, as ruled in (1) above.

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